

## CityZEN Strategy Plan #5: Sevilla, Spain

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'Dream no small dreams for they have  
no power to move the hearts of men....'  
Von Goethe

Professor Greg Keeffe

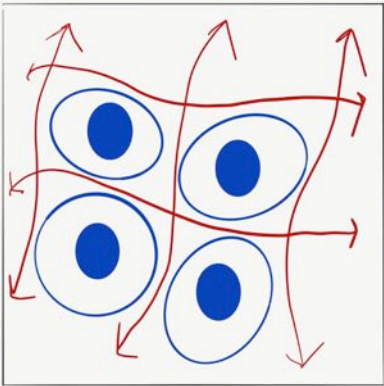
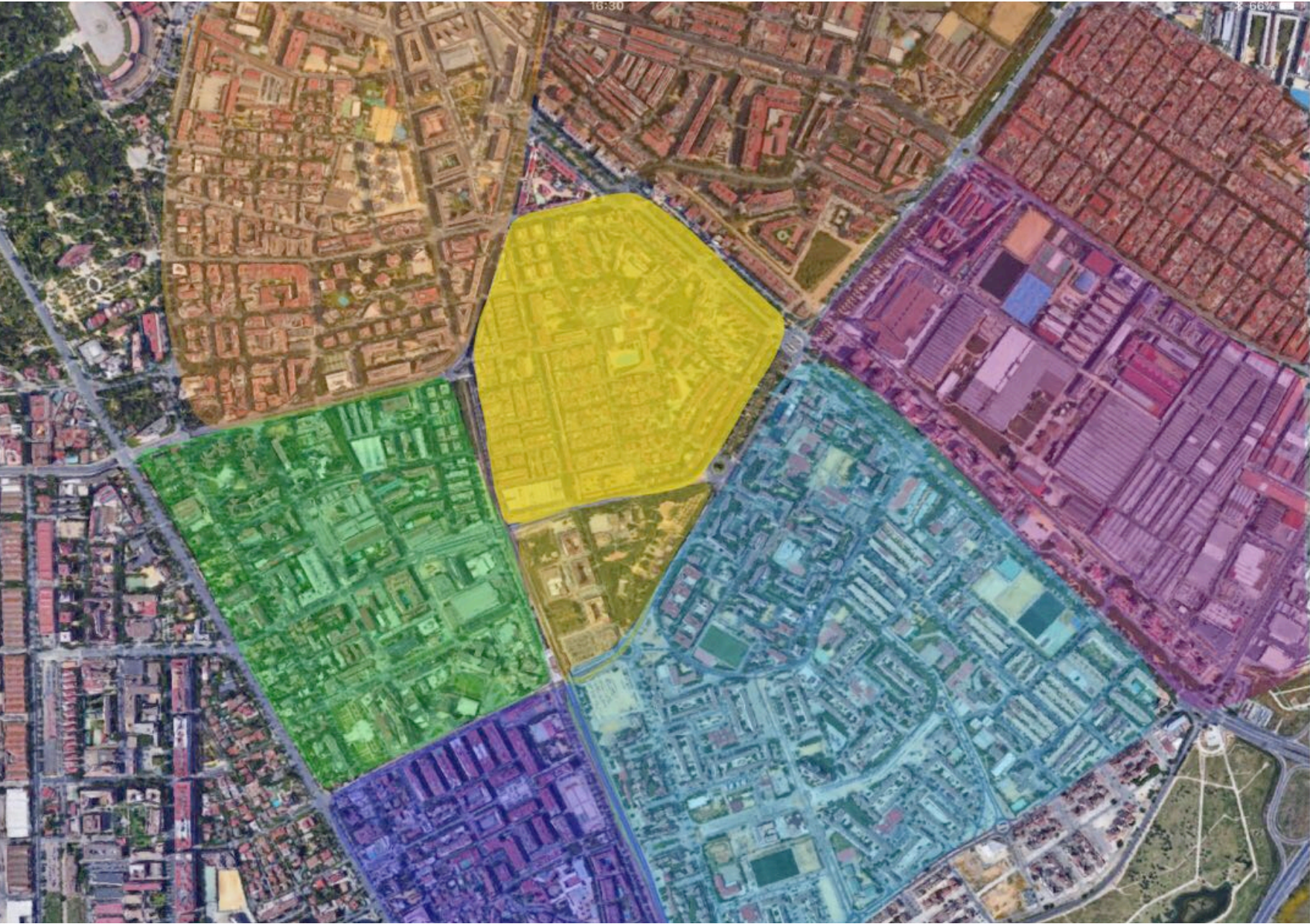
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Natural and Built  
Environment

Queens University  
Belfast.

TU Delft



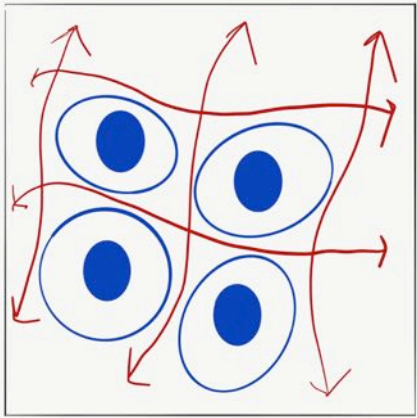
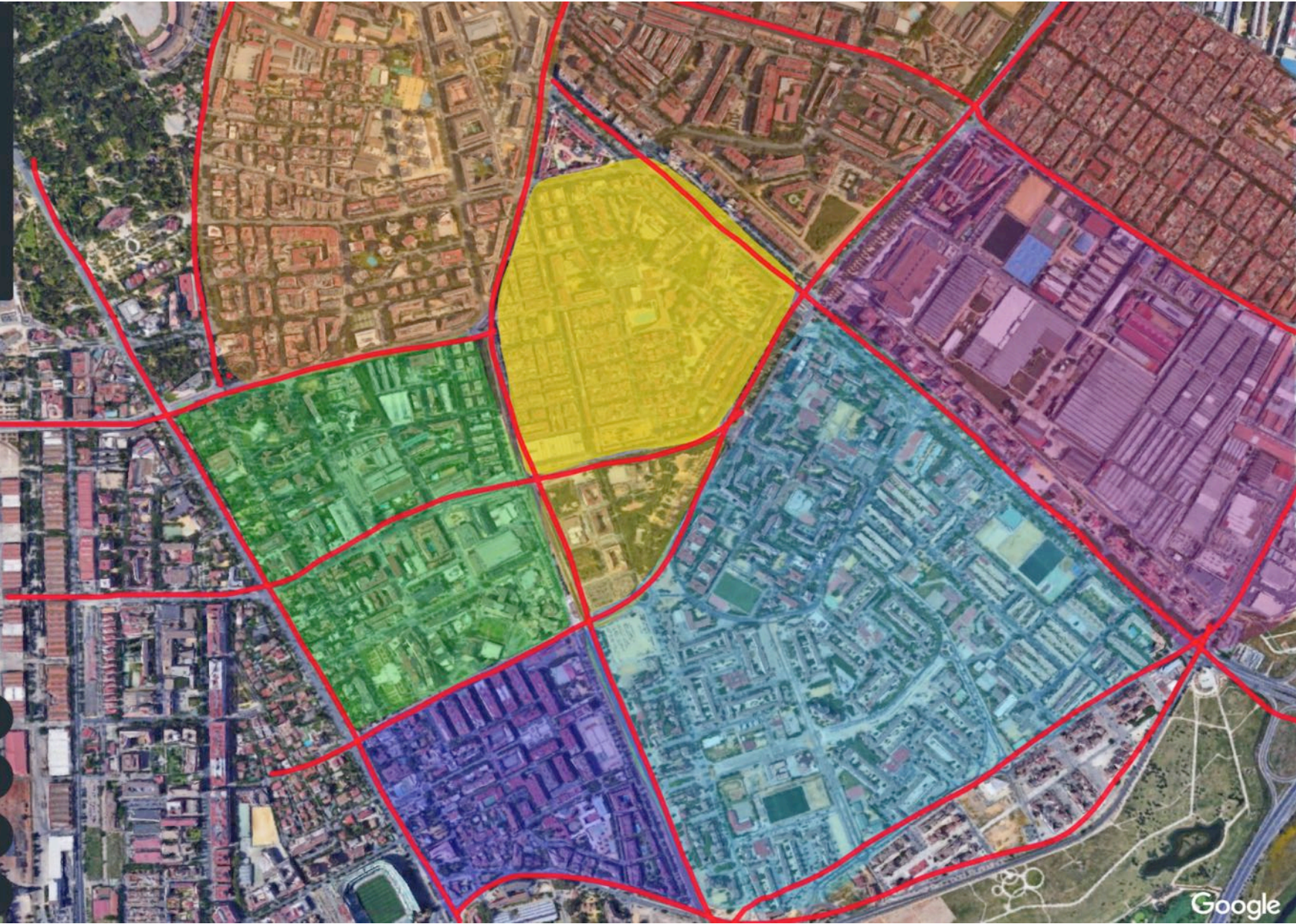




Barrios urbanism



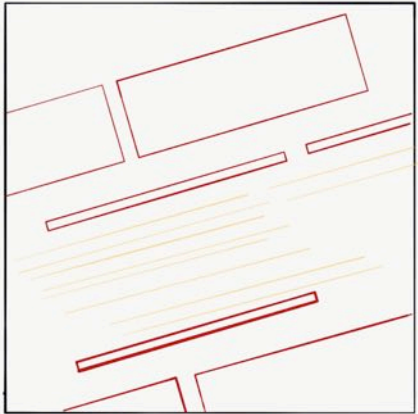




Barrios urbanism



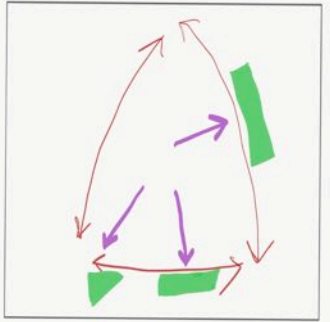




Over-roaded  
Urbanism



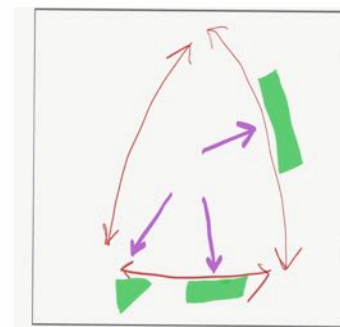




How big is big enough!



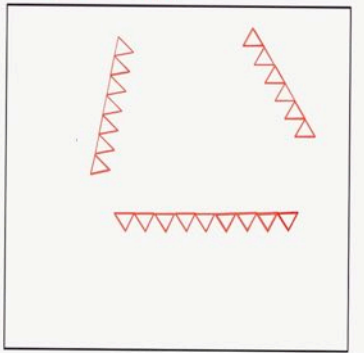




Unpacked Green







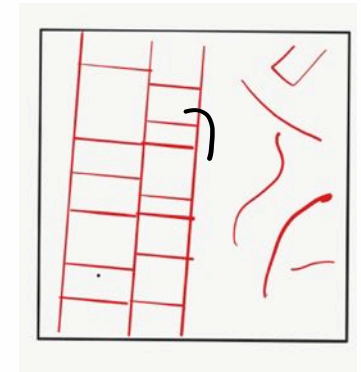
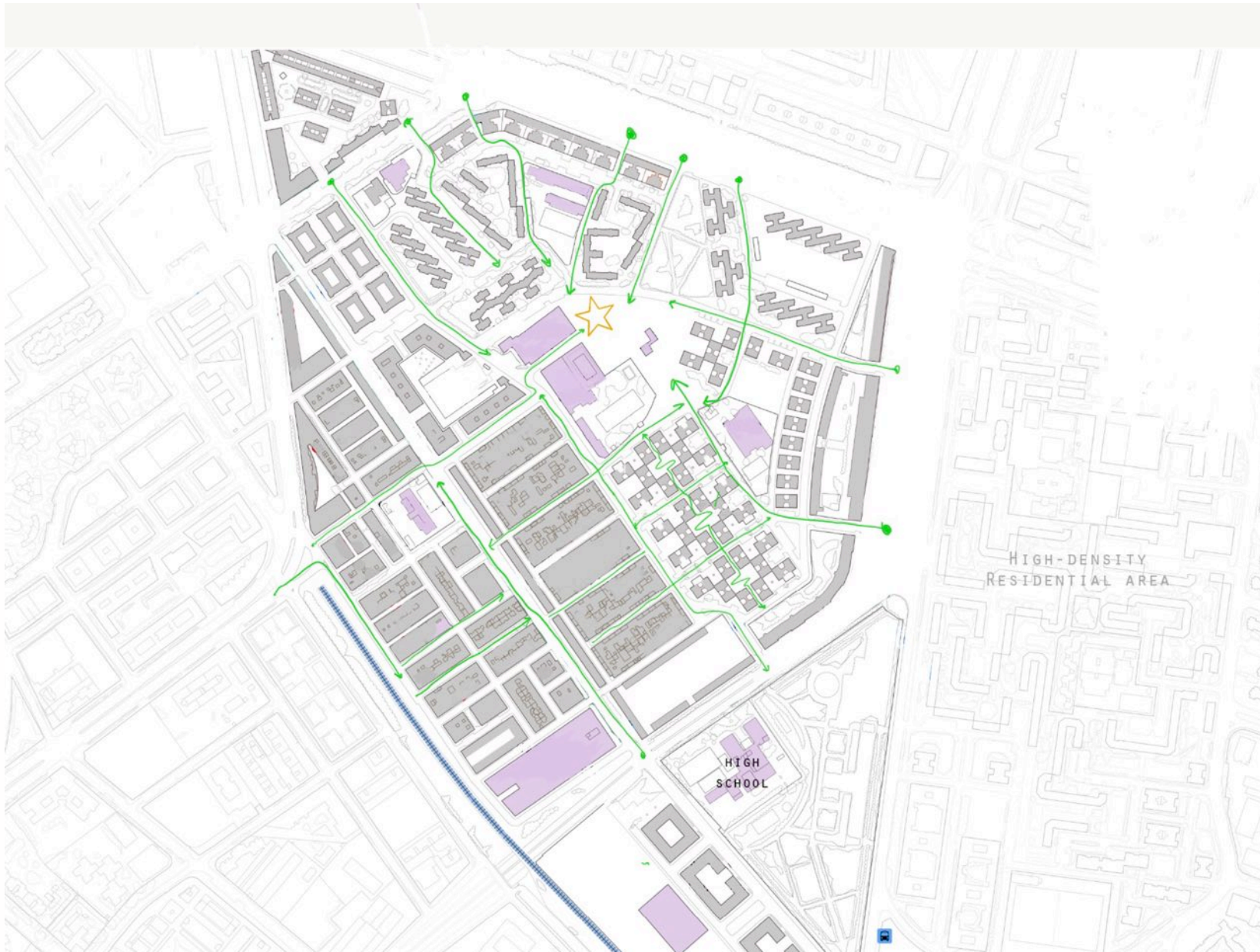
Hard edge







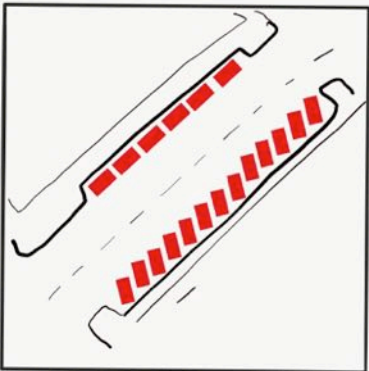




Permeable/non-permeable space



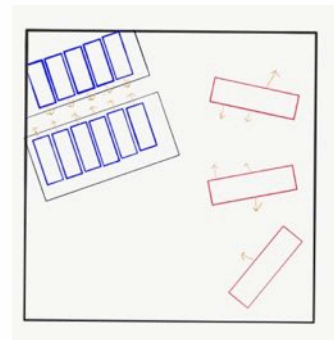




Cars cars and  
more cars



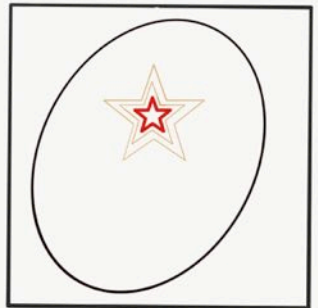




Surveyed and non-surveyed space



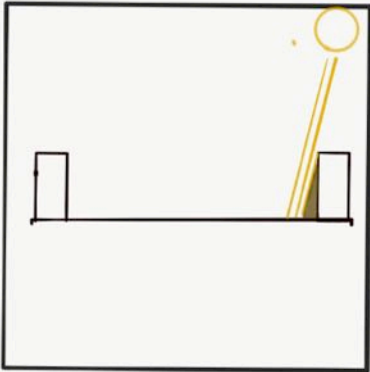
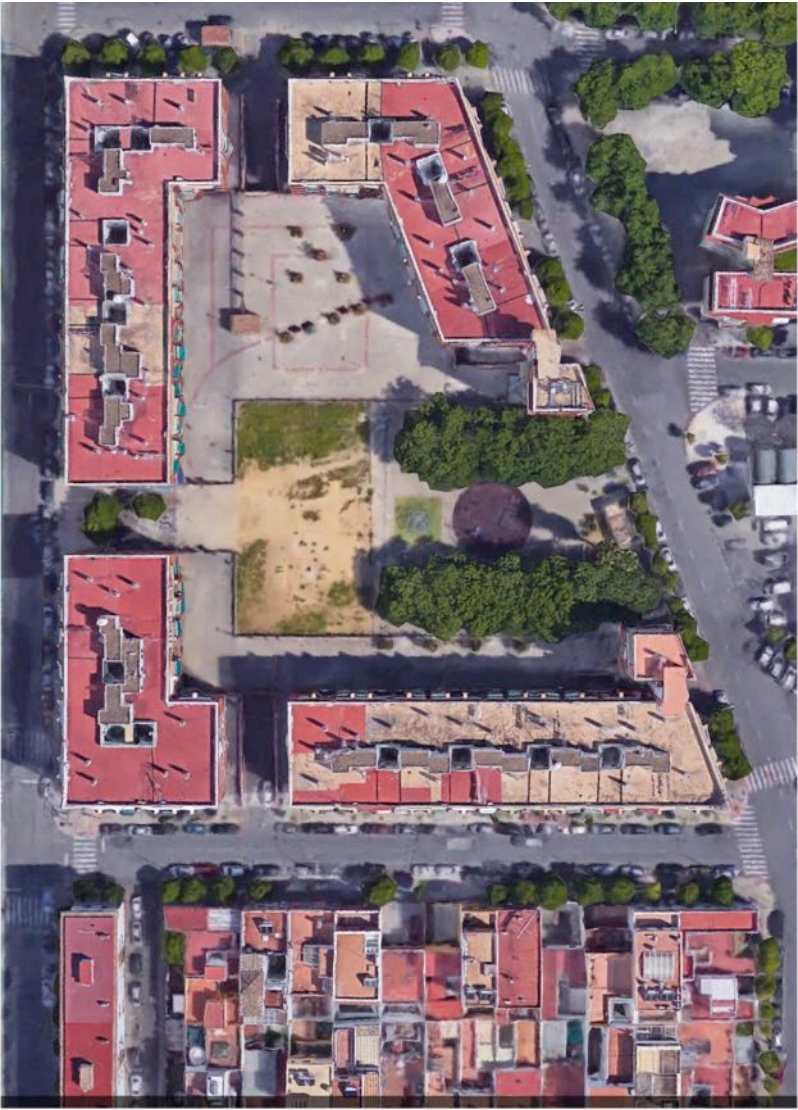
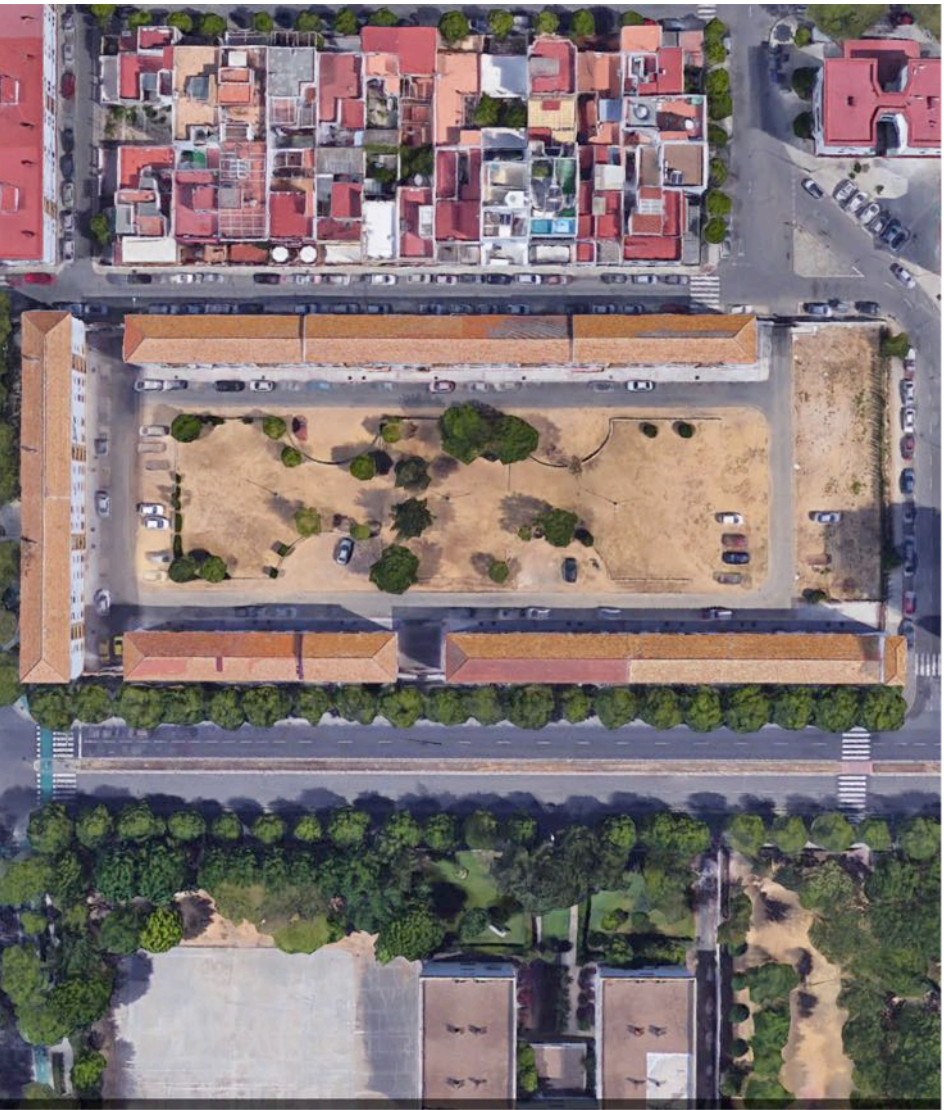




Over-centralised  
space

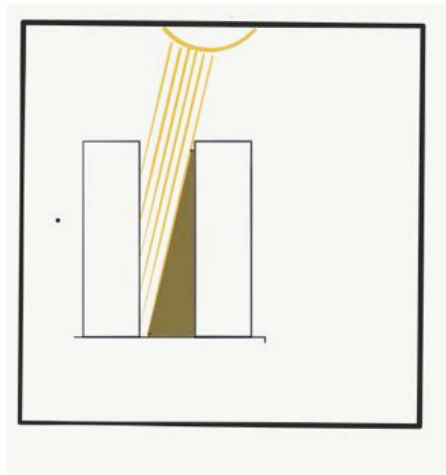






Over-scaled  
external space





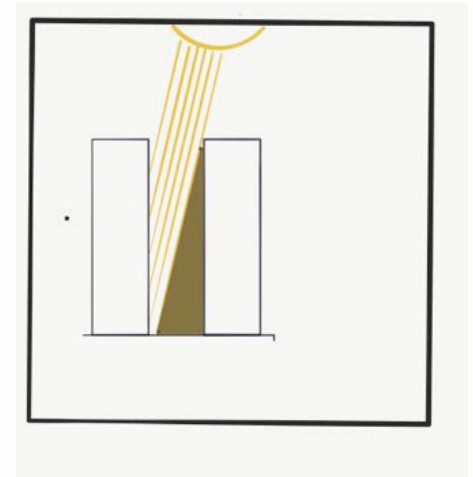
Correctly  
proportioned  
space



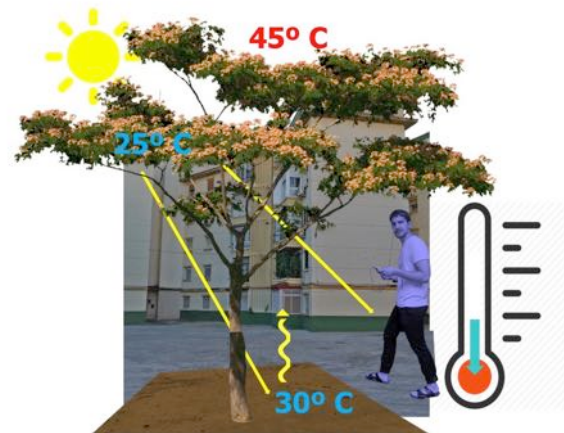
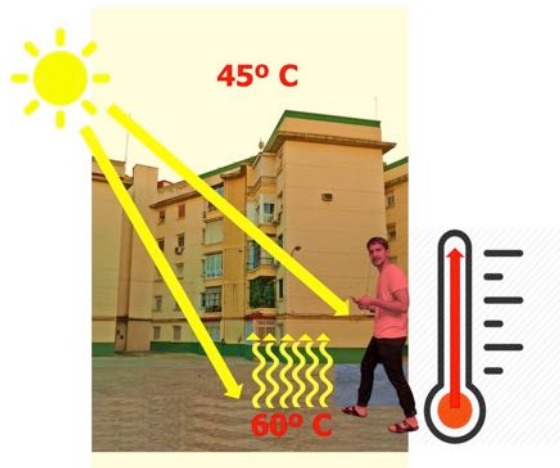


## Seville Climate Projections. UK Met Office

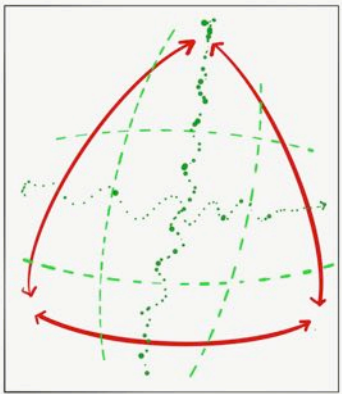
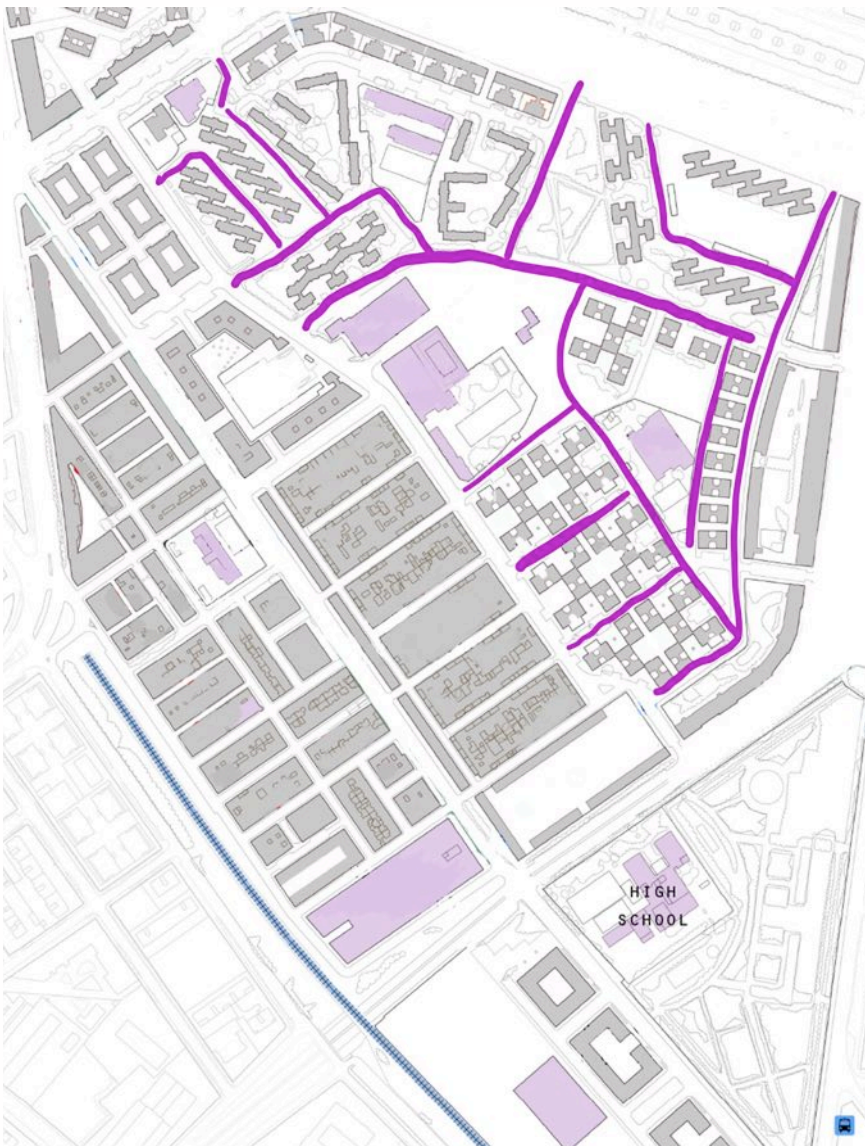
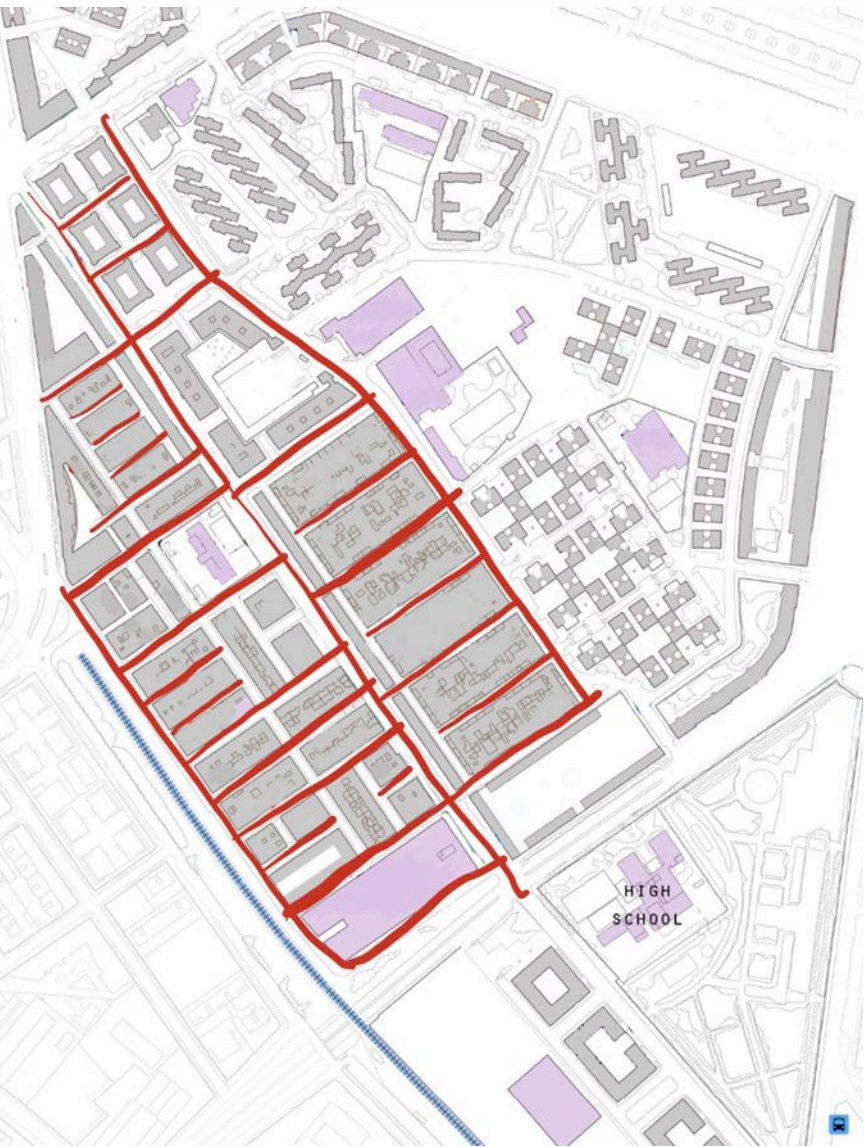
Year	Average Temp	Average High	Maximum Temp
2017	19.4	35	45
2070	24	45	55
Climate similar to Dubai by 2070			



Correctly  
proportioned  
space



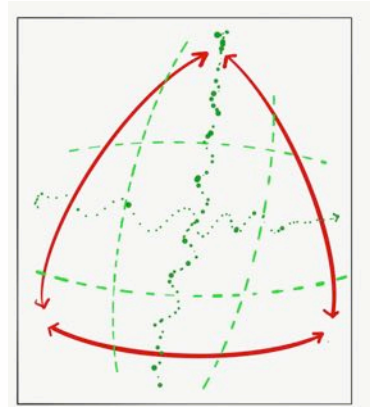




Perforated urbanism



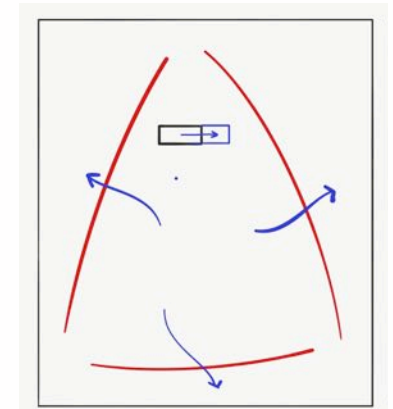
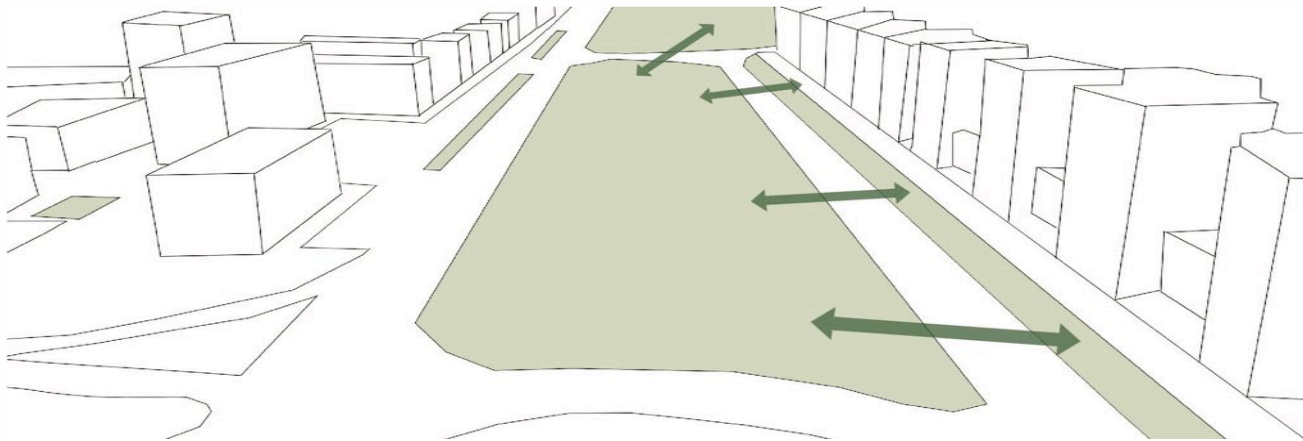




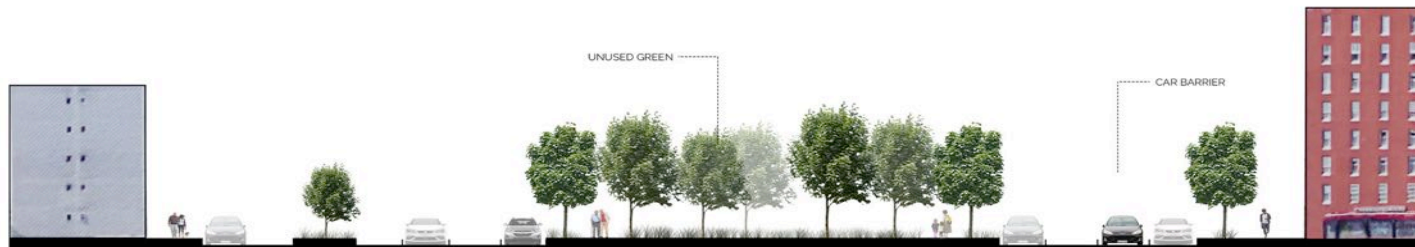
Perforated  
urbanism



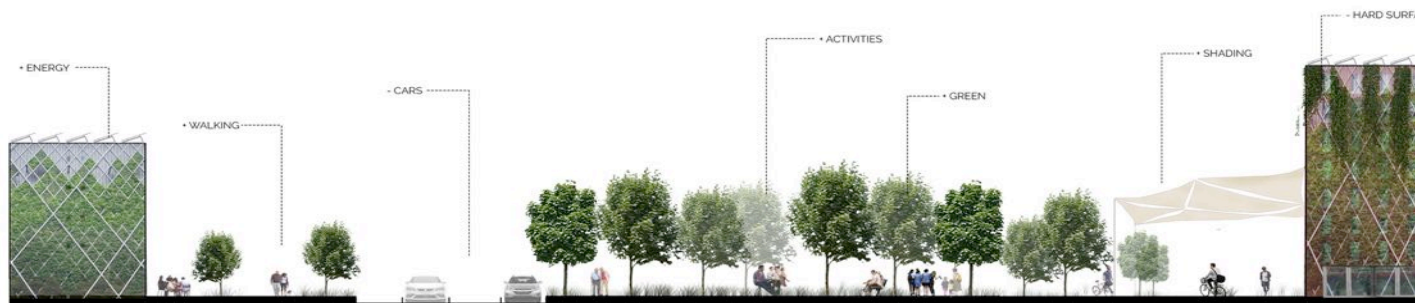




Unpack the  
neighbourhood



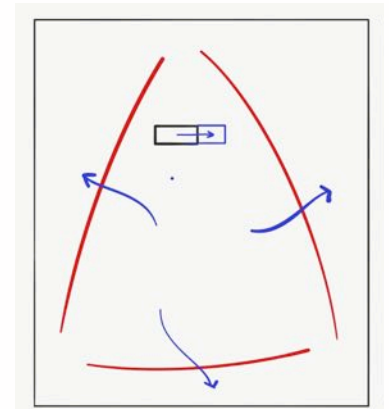
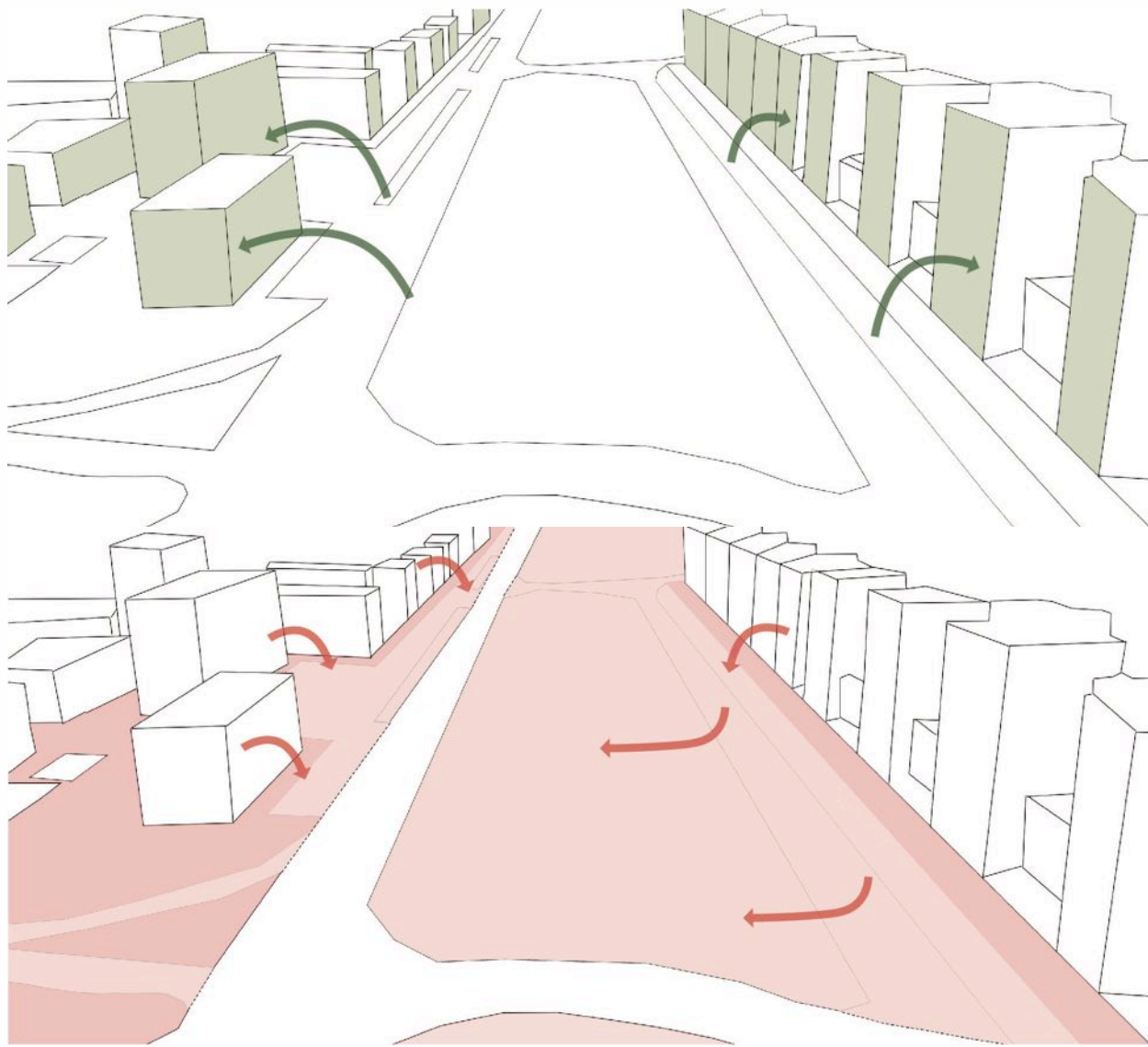
AVENIDA BENITEZ CARRASCO - BEFORE



AVENIDA BENITEZ CARRASCO - AFTER

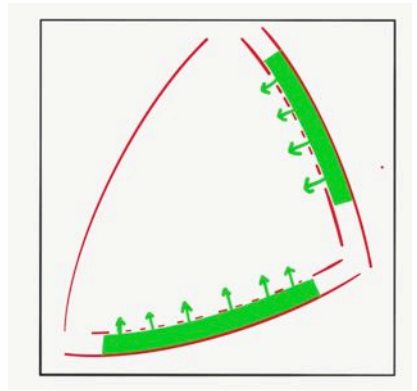
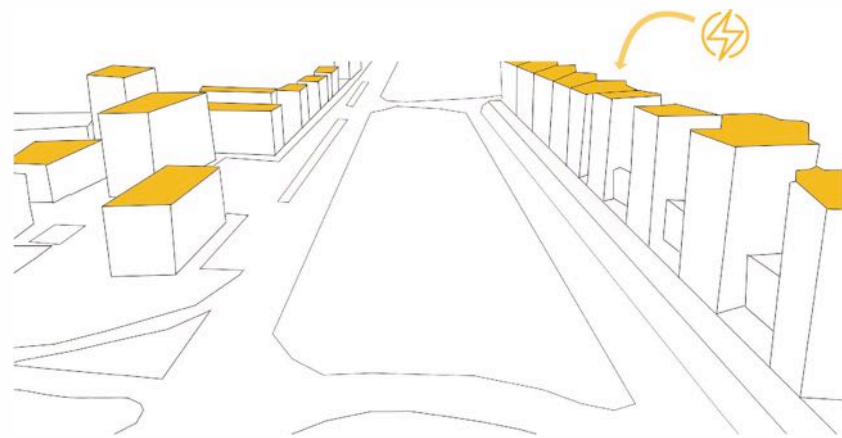
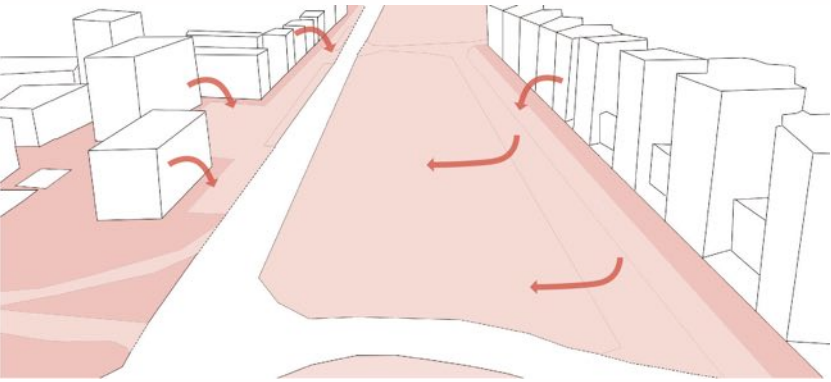




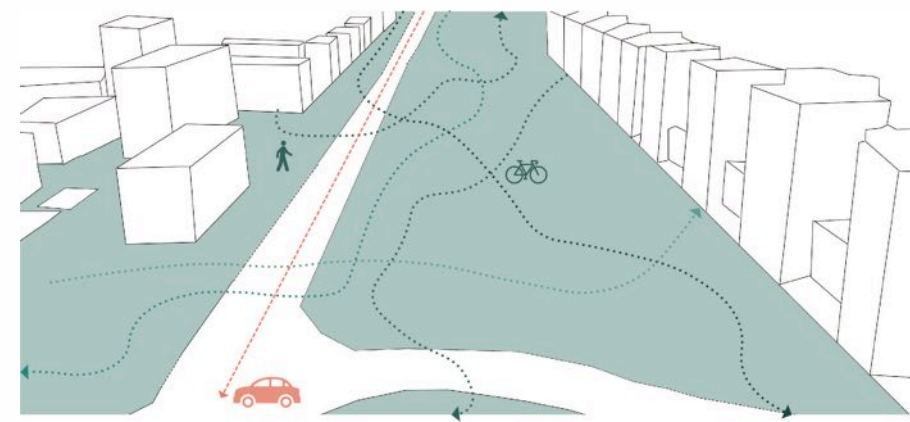
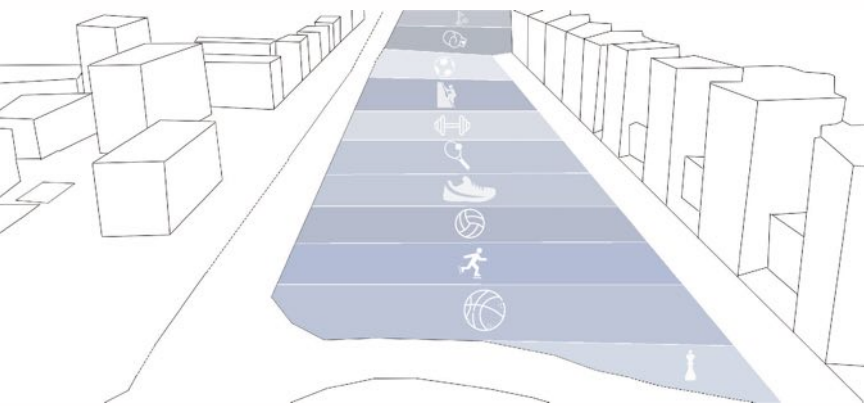


Unpack the  
neighbourhood

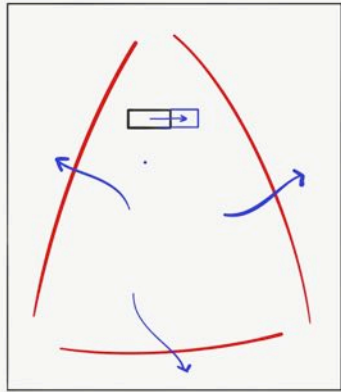




Unpack the neighbourhood





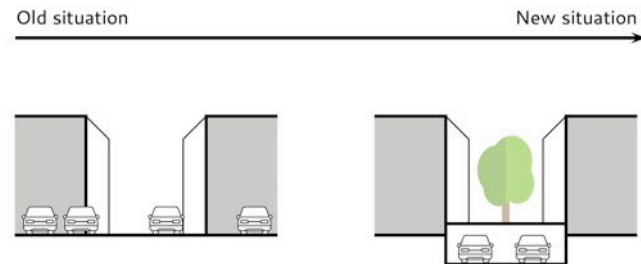


Unpack the  
neighbourhood



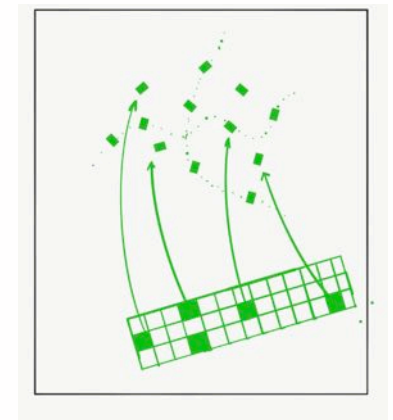
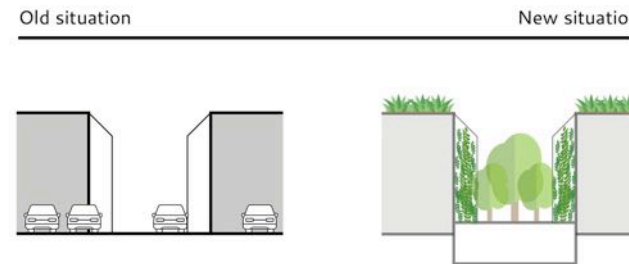


## UNDERGROUND PARKING



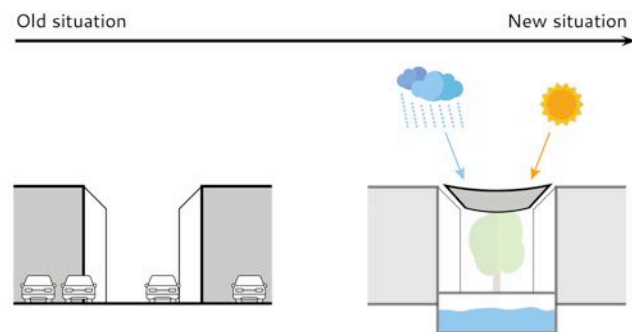
## URBAN OASIS

Shading (trees)  
Vertical farming/gardens  
Rooftop gardens

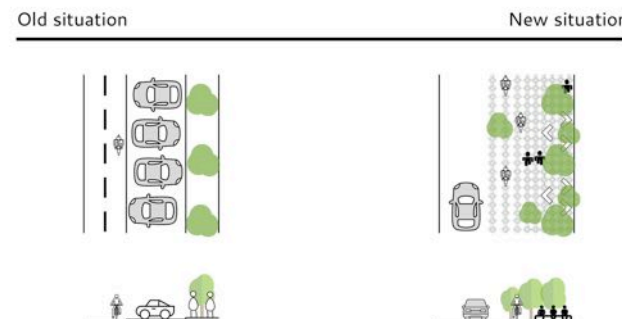


Unpack green  
space – make  
oases

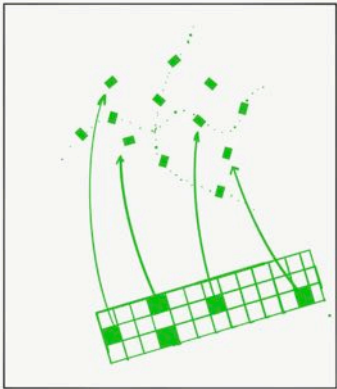
## SHADING (WATER STORAGE+PV)



## FROM STREET TO SHARED PAVEMENT



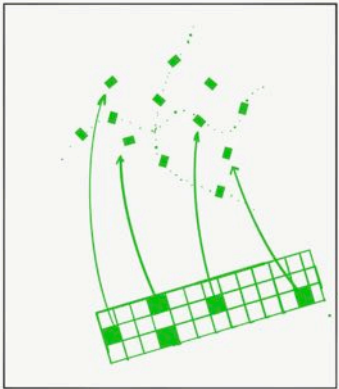




Unpack green space – make oases

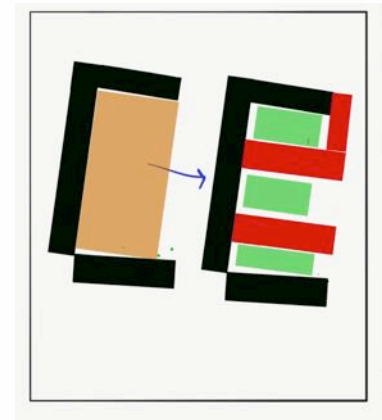
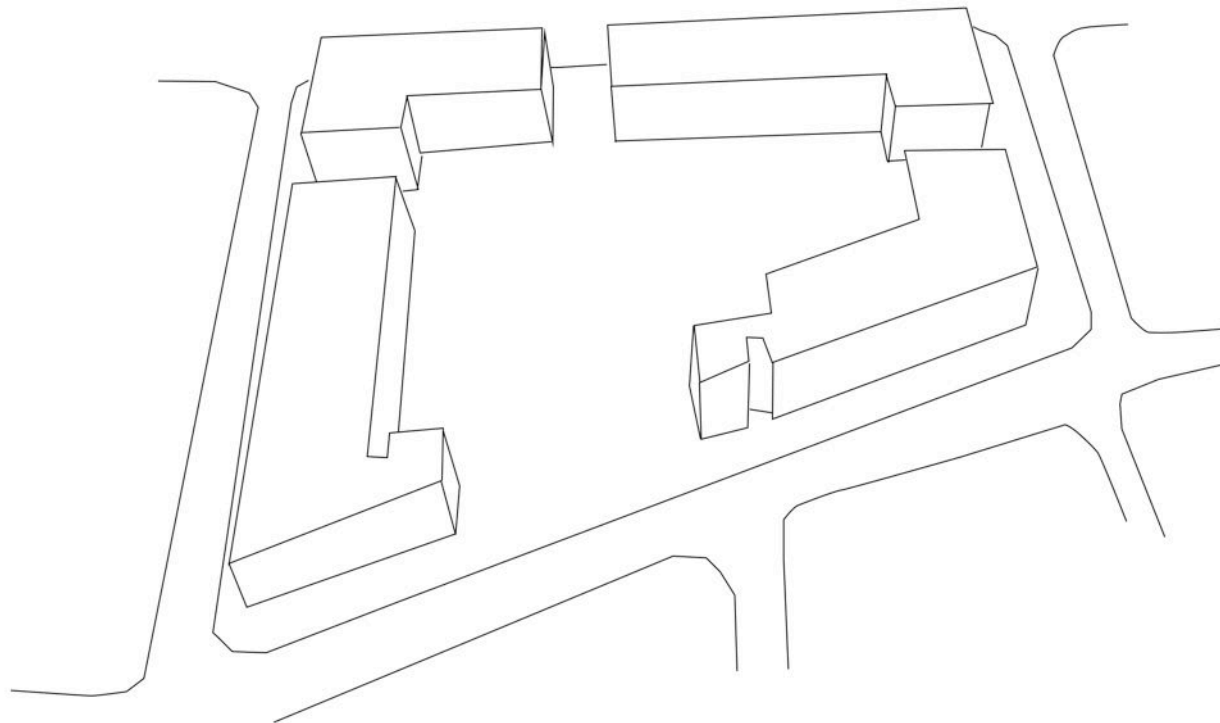






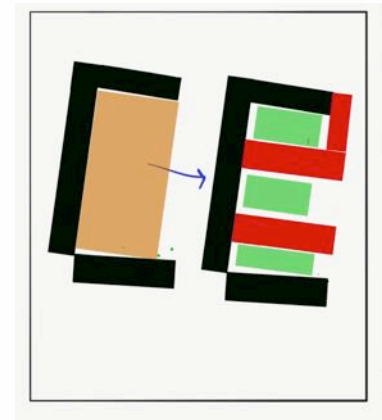
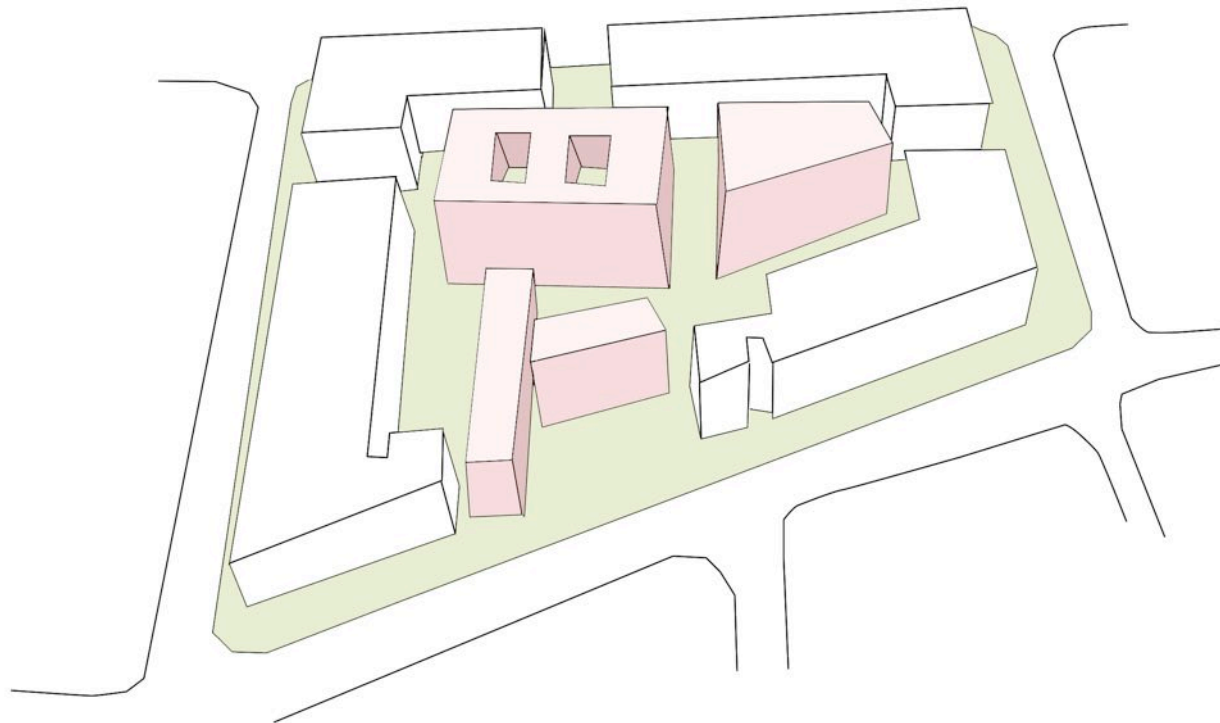
Unpack green  
space – make  
oases





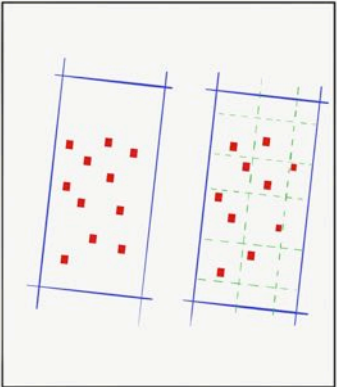
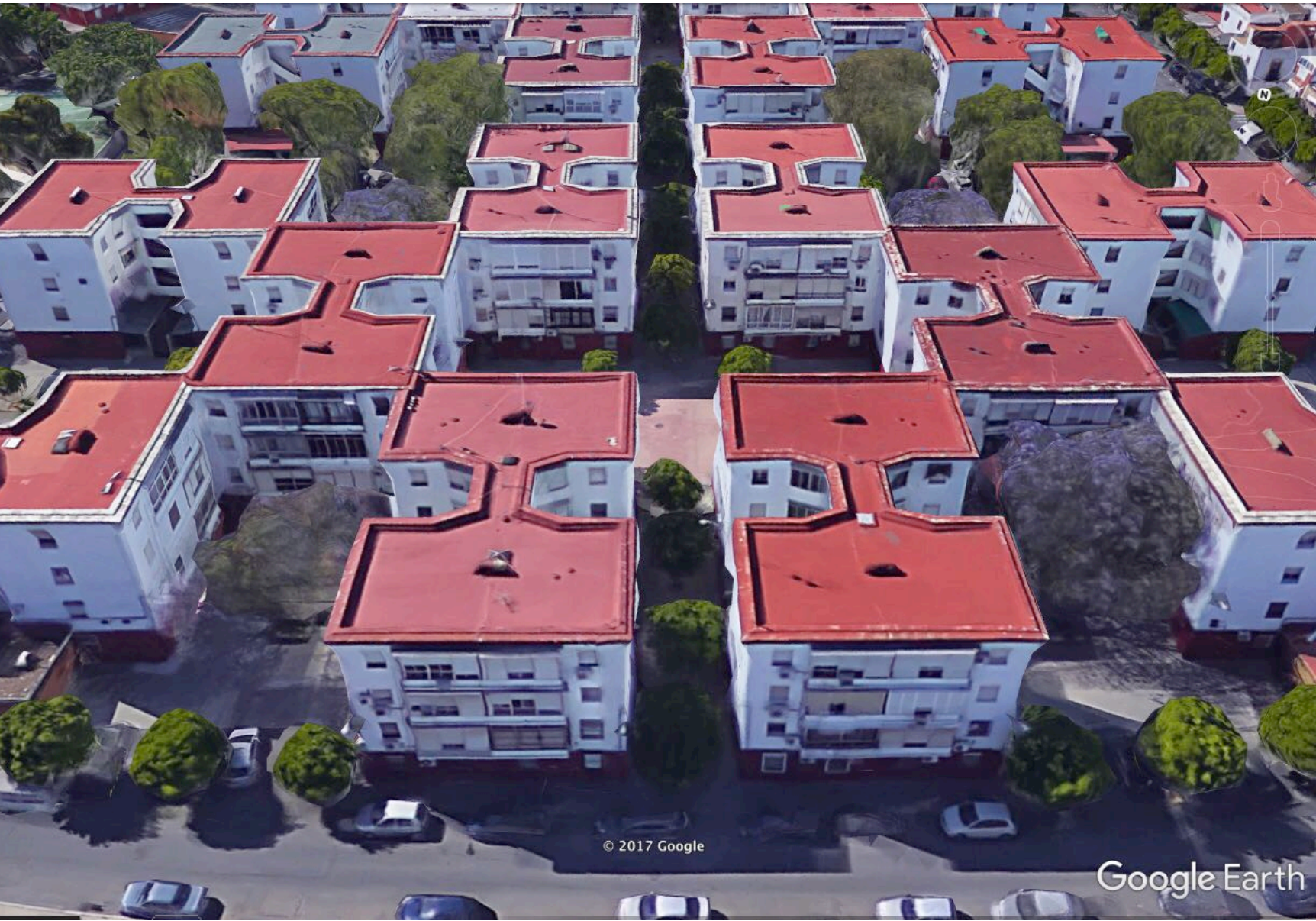
Densify urban  
space – create  
shade





Densify urban  
space – create  
shade

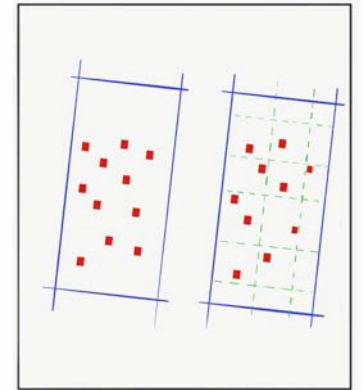




Make small green routes

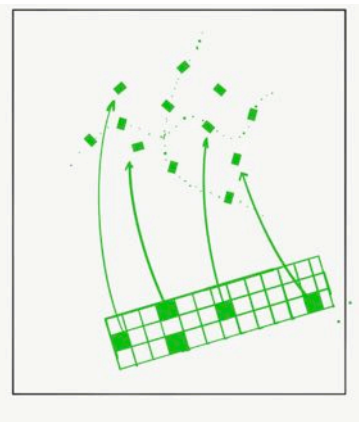






Make small green routes

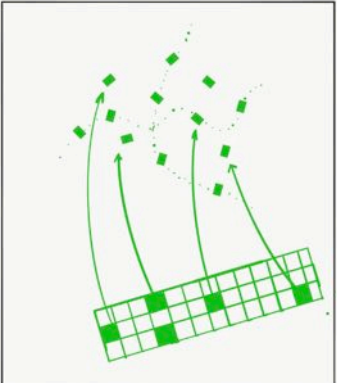




Unpack green space – make oases



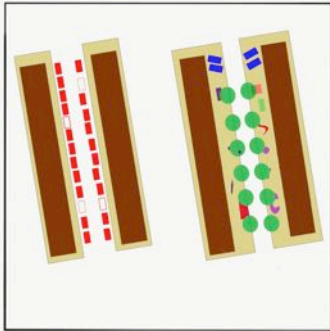




Unpack green  
space – make  
oases



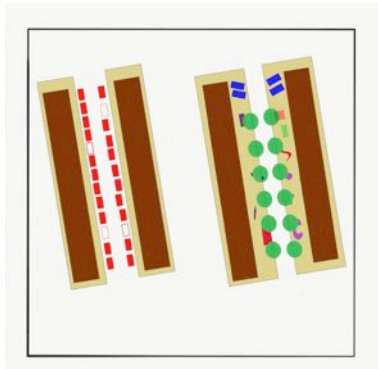
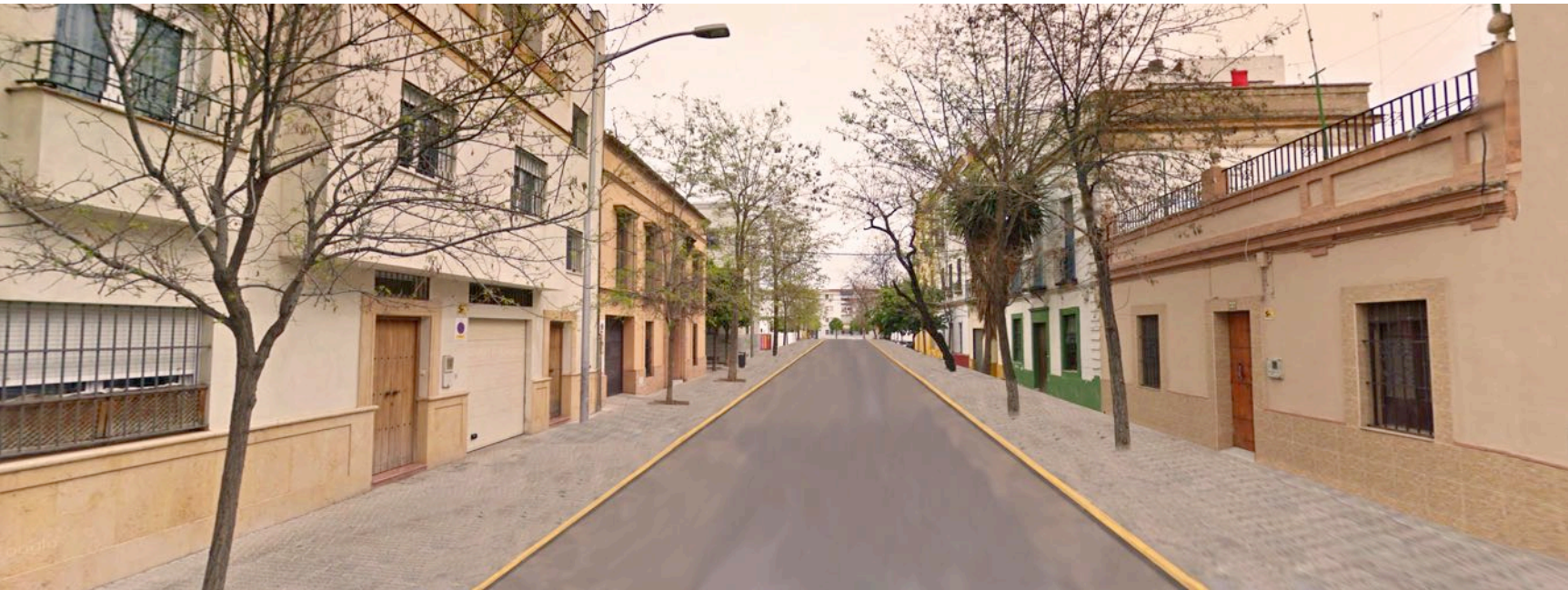




Reclaim the street – with car-share!



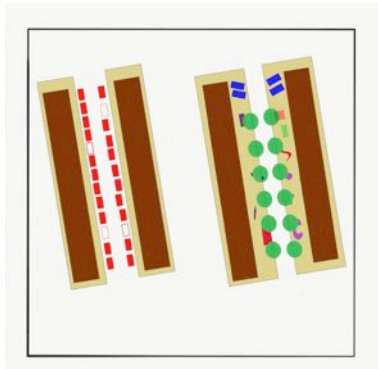




Reclaim the street – with car-share!



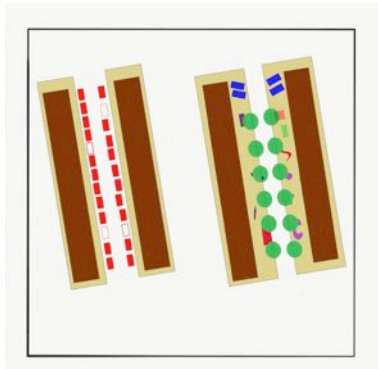




Reclaim the street – with car-share!



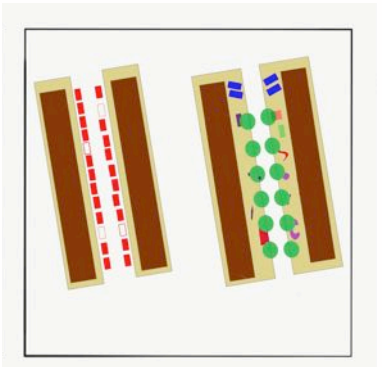




Reclaim the  
street – with car-  
share!



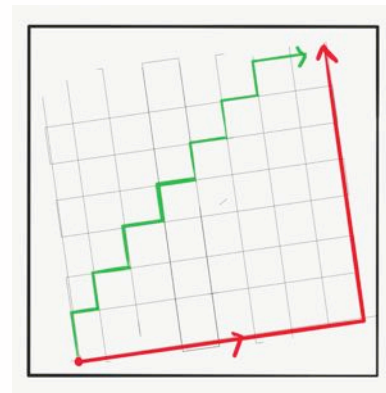
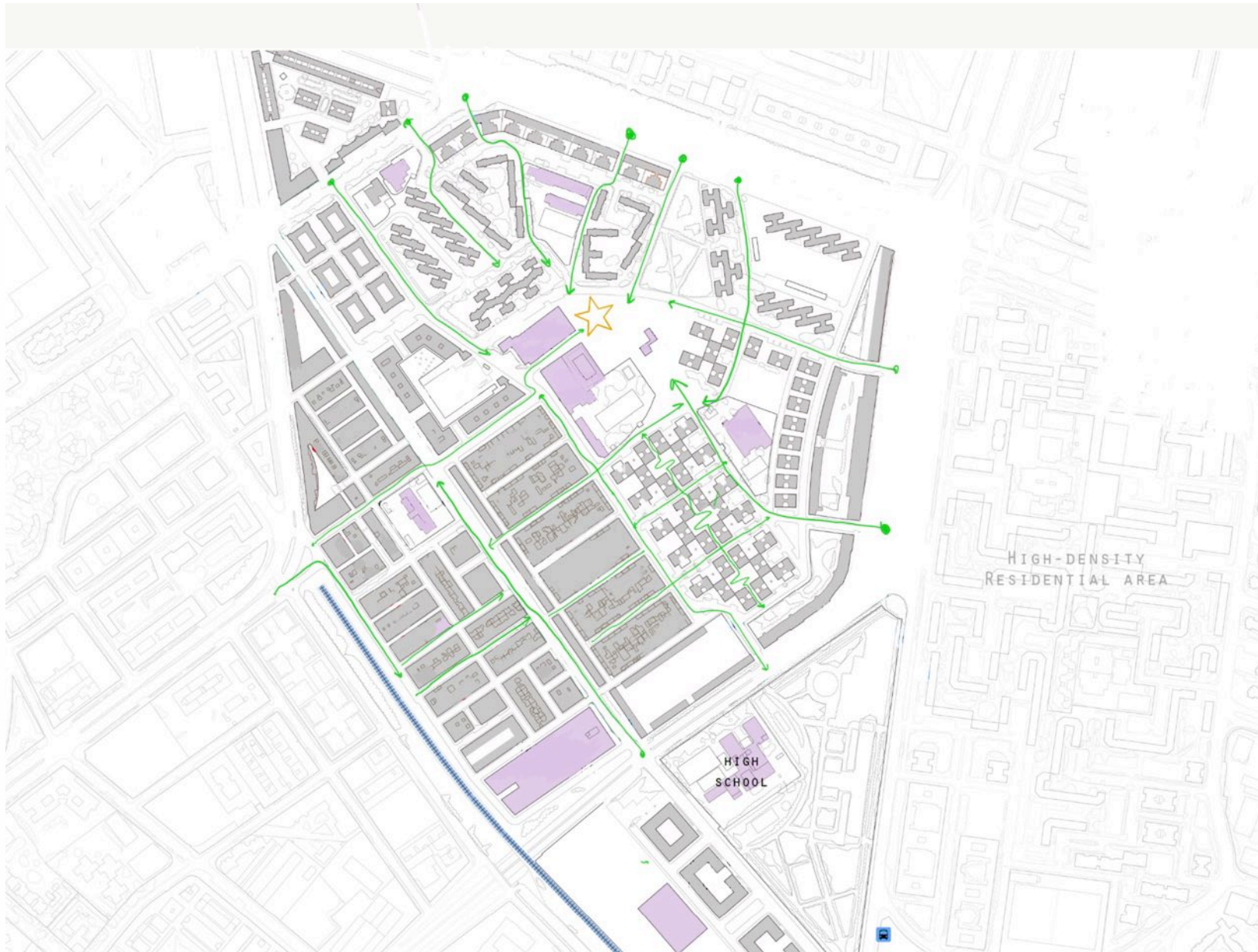




Reclaim the street – with car-share!

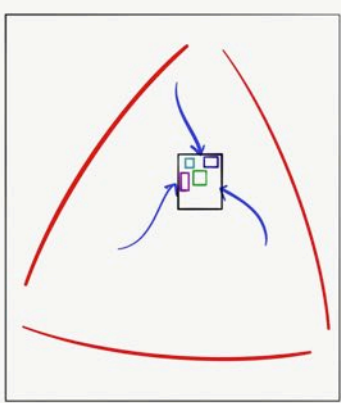






Bike-friendly  
routes go  
through the  
neighbourhood

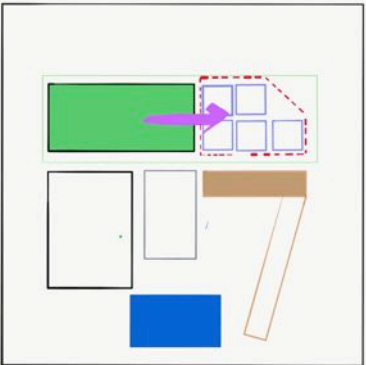




Repack the neighbourhood



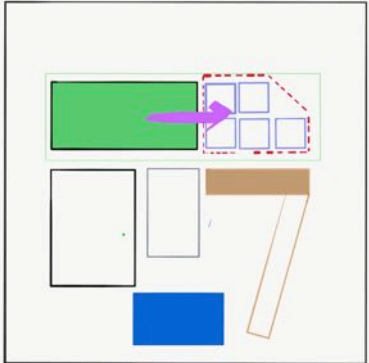




Unpacking the market makes new exciting public space



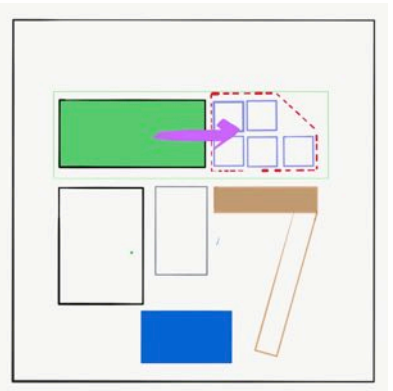




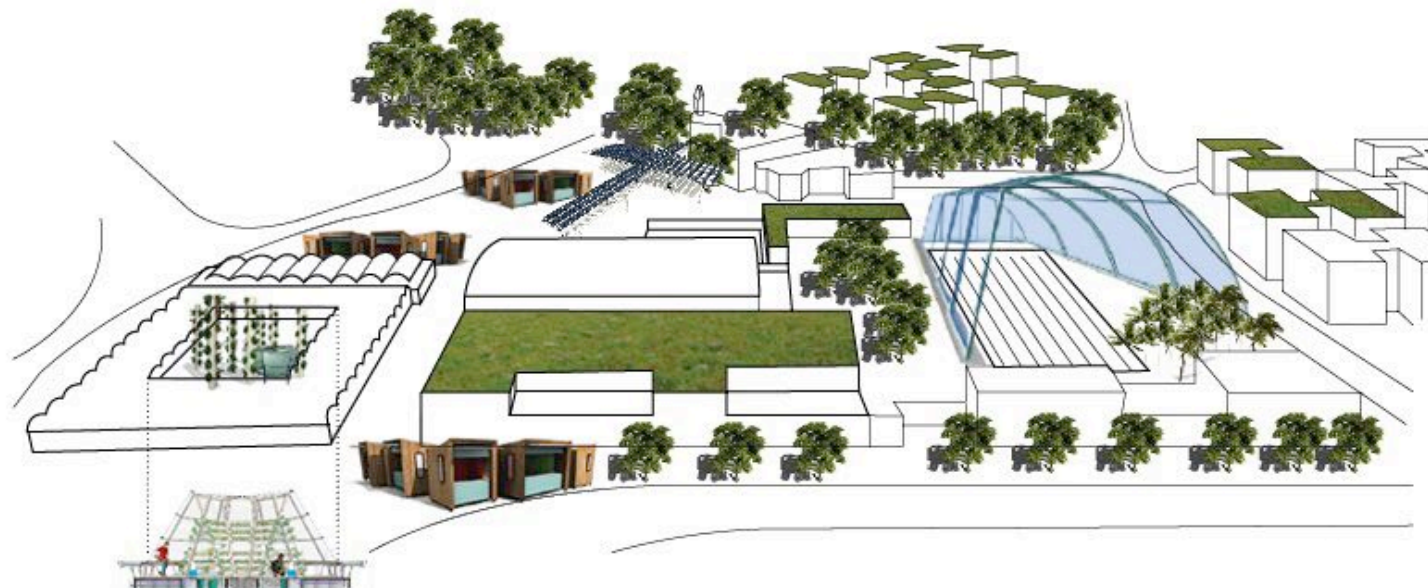
Unpacking the market makes new exciting public space



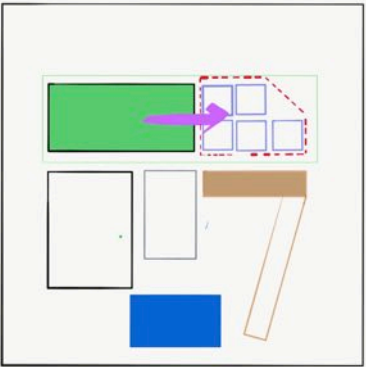




Unpacking the  
market makes  
new exciting  
public space







Unpacking the market makes new exciting public space





10% GREEN



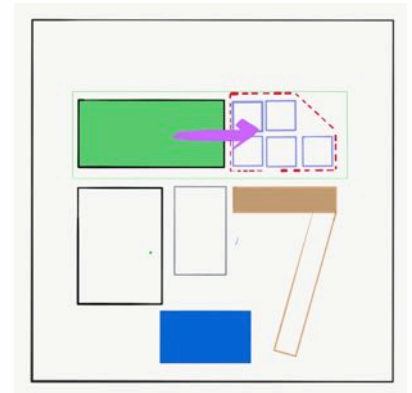
50% GREEN



30% GREEN



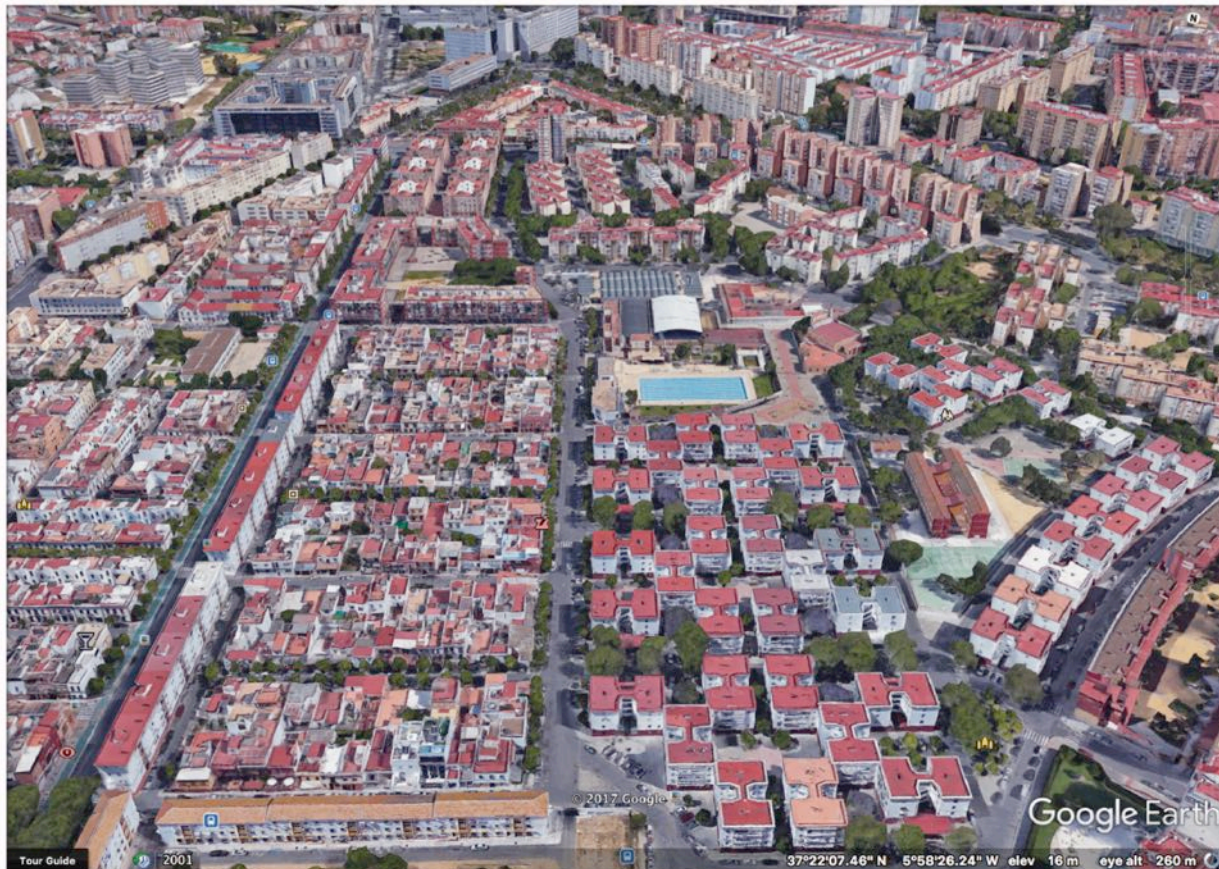
80% GREEN



Unpacking the  
market makes  
new exciting  
public space



# NOW



To conclude





# STEP 1: 25% GREEN



## DIFFERENT GREENS



**MICRO | TINY COURTYARD | RULES**  
Ability to sit  
One tree/plant/pot





## STEP 2: 50% GREEN

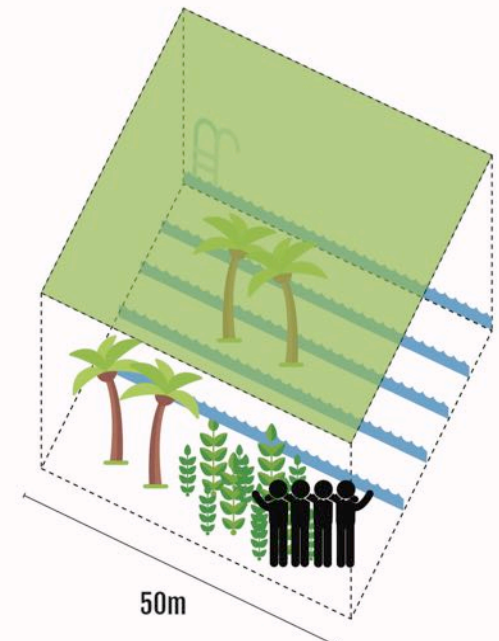


**MESO | ROOFTOP GARDEN, LARGER COURTYARD | RULES**  
Ability to sit comfortably and meet friends  
More greenery  
Shaded





## STEP 3: 75% GREEN



**MACRO | STREET, CENTRE (POOL) | RULES**  
Activities present  
Fully green  
Shaded  
Water





## STEP 4: 100% GREEN

